



Beny Floor-Mounted Split DC EV Charger Station

1080kW -1440kW



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⚠️ If the models and specifications in this product catalogue change due to product updates, we will not provide prior notification.



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Datasheet

Product Overview

The EVB Split EV charger integrates a rectifier cabinet and charging terminal, providing efficient charging from 1080kW to 1440kW. The maximum power of the charging terminal is 1440kW. It is equipped with up to 12 guns and meets the OCPP 1.6J standard, ensuring seamless connection. The user-friendly interface includes a 7-inch LCD screen and LED lights, which can improve usability. Please rest assured that we have certifications such as CE and CCC, as well as comprehensive full protection functions. Enjoy convenient application control and Ethernet/4G/WiFi connectivity to confidently and efficiently charge electric vehicles!



-  IP55 Rating
-  4G
-  Full Protection
-  Ethernet/4G/WiFi
-  OCPP 1.6J
-  7-inch Touch Screen
-  RFID
-  APP Control

Model Selection

DC EV Charging Station

BJDC1080-6 ~ BJDC1080-12



Structure Description

Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2200*1255*2245 (L*W*H mm)		
Charging Terminal Dimension	730*270*1450(L*W*H mm)		
Rectifier Cabinet Packing Dimension	2495*1658*2445(L*W*H mm)		
Terminal Packing Dimension	980*520*1695(L*W*H mm)		
Rectifier Cabinet Weight	≤700kg		
Charging Terminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring, Bottom Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(GBT+GBT)	Single (CCS2/GBT)
Connectivity Authorization	RFID, App		
Total length of gun cable	5m		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	3*575A
Input Frequency	50Hz/60Hz
Input The Number Of Branches	3
Output The Number Of Branches	6 ~ 12
Consumption	≤50W
Rated Power	1080kW
Output Voltage Range	CCS2/GBT: 150Vdc - 1000Vdc;

Output Current	CCS2/GBT:0~600A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design

User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021

communication

OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m

Environment Condition

Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection

Model Selection

DC EV Charging Station

BJDC1200-6 ~ BJDC1200-12



Structure Description

Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2200*1255*2245 (L*W*H mm)		
Charging Terminal Dimension	730*270*1450(L*W*H mm)		
Rectifier Cabinet Packing Dimension	2495*1658*2445(L*W*H mm)		
Terminal Packing Dimension	980*520*1695(L*W*H mm)		
Rectifier Cabinet Weight	≤750kg		
Charging Terminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring, Bottom Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(GBT+GBT)	Single (CCS2/GBT)
Connectivity Authorization	RFID, App		
Total length of gun cable	5m		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	3*640A
Input Frequency	50Hz/60Hz
Input The Number Of Branches	3
Output The Number Of Branches	6 ~ 12
Consumption	≤50W
Rated Power	1200kW
Output Voltage Range	CCS2/GBT: 150Vdc - 1000Vdc;

Output Current	CCS2/GBT:0~600A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design

User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021

communication

OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m

Environment Condition

Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection

Model Selection

DC EV Charging Station

BJDC1320-6 ~ BJDC1320-12



Structure Description

Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2200*1255*2245 (L*W*H mm)		
Charging Terminal Dimension	730*270*1450(L*W*H mm)		
Rectifier Cabinet Packing Dimension	2495*1658*2445(L*W*H mm)		
Terminal Packing Dimension	980*520*1695(L*W*H mm)		
Rectifier Cabinet Weight	≤800KG		
Charging Terminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring, Bottom Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(GBT+GBT)	Single (CCS2/GBT)
Connectivity Authorization	RFID, App		
Total length of gun cable	5m		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	3*704A
Input Frequency	50Hz/60Hz
Input The Number Of Branches	3
Output The Number Of Branches	6~12
Consumption	≤50W
Rated Power	1320kW
Output Voltage Range	CCS2/GBT: 150Vdc -1000Vdc;

Output Current	CCS2/GBT:0~600A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design

User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021

communication

OCPP	OCPP 1.6J
Network Interface	Ethernet/4G/WiFi
RF Parameters	
LTE-FDD Operating Frequency	B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28
LTE-TDD Operating Frequency	B38/B39/B40/B41
UMTS Operating Frequency	B1/B2/B4/B5/B6/B8/B19
MIFARE Operating Frequency	13.56MHz±7K
2.4G WI-FI Operating Frequency	2412MHz-2484MHz
2.4G WI-FI Maximum Transmit Power	20.5 dBm
WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m

Environment Condition

Application Place	Indoor/Outdoor
Working Altitude	<2000m
Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection

Model Selection

DC EV Charging Station

BJDC1440-6 ~ BJDC1440-12



Structure Description

Shell Material	Galvanized Sheet		
Rectifier Cabinet Dimension	2200*1255*2245 (L*W*H mm)		
Charging Terminal Dimension	730*270*1450(L*W*H mm)		
Rectifier Cabinet Packing Dimension	2495*1658*2445(L*W*H mm)		
Terminal Packing Dimension	980*520*1695(L*W*H mm)		
Rectifier Cabinet Weight	≤850kg		
Charging Terminal Weight	≤110KG		
Installation Method	Floor-Stand Type		
Cable Routing	Bottom Inlet Wiring, Bottom Outlet Wiring		
Charging Outlets	Double(CCS2+CCS2)	Double(GBT+GBT)	Single (CCS2/GBT)
Connectivity Authorization	RFID, App		
Total length of gun cable	5m		
Screen	7 Inch LCD Screen/LED Light		

Electrical Specification

AC Input Voltage	AC380V-415V, 3P+N+PE
Rated Input Current	3*768A
Input Frequency	50Hz/60Hz
Input The Number Of Branches	3
Output The Number Of Branches	6 ~ 12
Consumption	≤50W
Rated Power	1440kW
Output Voltage Range	CCS2/GBT: 150Vdc - 1000Vdc;

Output Current	CCS2/GBT:0~600A
Efficiency	≥95%
Power Factor	≥0.99(load:100%)

Functionate Design

User Interface	Emergency Stop Button, LED Indicator, Card Swiping, Touch Screen
Charging Stands	EN IEC 61851-1: 2019, IEC 61851-1: 2017 EN 61851-23: 2014, IEC 61851-23: 2014, EN 61851-24: 2014, IEC 61851-24: 2014, EN IEC 61000-6-2: 2019, EN IEC 61000-6-4:2019, EN IEC 61851-21-2: 2021

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WCDMA Maximum Transmit Power	24 dBm +1/-3 dB
LTE-FDD Maximum Transmit Power	23 dBm±2 dB
LTE-TDD Maximum Transmit Power	23 dBm±2 dB
MIFARE Maximum Transmit Power	14.05dBuA/m

Environment Condition

Application Place	Indoor/Outdoor
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Storage Temperature	-30°C~+85°C
Working Temperature	-30°C~+50°C
Working Humidity	5%~95%
Protection Level	IP55 IK10(Screen IK08)
Natural Cooling	Forced-air Cooling
Security Design	Over/Under Voltage Protection, Overload Protection, Current Leakage Protection, Grounding Protection, Over Temp Protection, Lightning Surge Protection